

SEQUENCE LISTING

<110> Mueller, John P.
Baima, Eric T.

<120> HAR A NUCLEIC ACIDS, POLYPEPTIDES, AND RELATED METHODS AND USES THEREOF

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<170> PatentIn Ver. 2.1

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Val Asp Phe Val Tyr Phe Pro Gln Thr Val Ala Glu Glu Gln Gln Leu
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Thr Tyr Tyr Val Leu Gln Glu Val Thr Ser Phe Glu Gln Trp Glu Leu
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Glu Arg Glu Leu Thr Leu Leu Asn Val Asp Pro Glu Val Leu Trp Arg
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Pro Phe Ser Ser Leu Ser Gly Gly Glu Lys Thr Lys Val Leu Leu Gly
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Asn His Leu Asp Leu Ala Gly Arg Gln Gln Val Ala Glu Tyr Leu Lys
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Asp Glu Val Val Asp His Ile Leu Ala Ile Glu Lys Ser Gln Leu Thr
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Leu Tyr Gln Gly Asn Phe Ser Ile Tyr Glu Glu Gln Lys Lys Leu Arg
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Arg Leu Lys Glu Thr Ala Arg Lys Lys Ala Glu Trp Ser Met Asn Arg
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Phe Asp Thr Gly Ala Ile Gly Ala Arg Ala Ala Arg Val Met Lys Arg
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Ser Lys His Ile Gln Gln Arg Ala Glu Thr Gln Leu Ala Glu Lys Glu
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Ala Gly Glu Ile Val Gly Ile Thr Gly Lys Asn Gly Ser Gly Lys Ser
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Arg Ala Val Phe Thr Asn Arg Ile Glu Gln Met Ser Met Gly Gln Arg
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35 40 45

Leu Ile His Asn Asp Leu Ala Pro Ala Gln Gly Gln Ile Leu Arg Lys
50 55 60

Asp Ile Lys Leu Ala Leu Val Glu Gln Glu Thr Ala Ala Tyr Ser Phe
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Ala Asp Gln Thr Pro Ala Glu Lys Lys Leu Leu Glu Lys Trp His Val
85 90 95

Pro Leu Arg Asp Phe His Gln Leu Ser Gly Gly Glu Lys Leu Lys Ala
100 105 110

Arg Leu Ala Lys Gly Leu Ser Glu Asp Ala Asp Leu Leu Leu Asp
115 120 125

Glu Pro Thr Asn His Leu Asp Glu Lys Ser Leu Gln Phe Leu Ile Gln
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Gln Leu Lys His Tyr Asn Gly Thr Val Ile Leu Val Ser His Asp Arg
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Tyr Phe Leu Asp Glu Ala Ala Thr Lys Ile Trp Ser Leu Glu Asp Gln
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Thr Leu Ile Glu Phe Lys Gly Asn Tyr Ser Gly Tyr Met Lys Phe Arg
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Glu Lys Lys Arg Leu Thr Gln Gln Arg Glu Tyr Glu Lys Gln Gln Lys
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Glu Lys Ala His Ala Gln Ser Thr Lys Lys Glu Gly Phe Lys Glu Tyr
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